

RECREATIONAL TRAIL AND WALKWAY DESIGN AND CHECK DATA REQUIREMENTS

The following items must be addressed in the design folder for recreational trail and walkway.

Field Data and Survey Notes:

1. Profiles and/or cross sections showing grades of the area to be protected. Obtain enough elevations to create a contour map if needed.
2. Locate existing site features, document type and sizes of features or structures that are needed for design purposes.
3. Soils investigation documenting soil class and drainage characteristics, and depth to high water table or bedrock.

Design Data:

The following is a list of the minimum required design data:

1. Original and/or final plan view drawing of area with dimensions and existing and planned features.
2. Document compliance with Utility Act 287 (1974) as amended by Act 199 (2004) if there is excavation planned.
3. Erosion and Sedimentation Control Plan.
4. Profiles of the area showing grades and thicknesses of cuts, fills, base and binder courses, geotextile and surface treatment as applicable.
5. Cross section(s) of trail or walkway(s) showing full section of all materials, with center crown or slope to one side.
6. Locations, detail drawings and design documentation of surface water controls, water bars, drainage structures, outlets, bridges and elevated walkways as needed.

7. Identify borrow source and/or spoil area.
8. On each drawing sheet, the title block should show the drawing title, project name, county and the persons involved in drawing, designing, and checking.
9. Vegetation plan.
10. Fencing plan.
11. Quantities.
12. Operation and Maintenance Plan.
- 13 Quality Assurance Plan
14. Identify permit needs, where applicable.
15. Attach Specification 568, and others as applicable, such as 561, 587, 342, and 382.

Check Data:

1. Profile of completed trail or walkway.
2. Minimum one cross section of walkway for each design reach.
3. Notes on acceptability of all materials, their dimensions, and methods of placement.
4. A complete set of as built drawings.